

CLAIMS

What is claimed is:

- 1 1. A computer implemented method, comprising:
 - 2 (a) causing a first print job to be transmitted to a printer, the printer
 - 3 having at least one user input key;
 - 4 (b) automatically displaying on the computer an image of the at least
 - 5 one user input key while the printer is processing the first print job; and
 - 6 (c) in response to receiving a selection of the at least one user input
 - 7 key image, causing the printer to perform a function.
- 1 2. The method of claim 1, wherein the printer is configured to
- 2 perform a first function when the key is selected by a walk-up user and step (c)
- 3 is performed by causing the printer to perform the first function.
- 1 3. The method of claim 1, wherein the printer is configured to
- 2 respond to a selection of the key by canceling the job presently being processed
- 3 by the printer, and step (c) is performed by causing the printer to cancel the
- 4 processing of the first print job.
- 1 4. The method of claim 1, wherein the first print job directs the
- 2 printer to print on media having a first set of dimensions; the printer is
- 3 configured to respond to a selection of the key by printing the first print job on
- 4 media having a different set of dimensions; and step (c) is performed by causing
- 5 the printer to print the first print job on media having the different set of
- 6 dimensions.
- 1 5. The method of claim 1, wherein the printer includes a local display
- 2 device for displaying information to a user and the method further comprising:
 - 3 (d) automatically displaying on the computer an image of the display
 - 4 device while the printer is processing the first print job.

1 6. The method of claim 5, wherein the image of the display device
2 indicates the information presently being provided by the display device.

1 7. The method of claim 1, wherein the computer is connected to the
2 printer over a network.

1 8. A server, comprising:

2 (a) means for receiving a request from a client;

3 (b) means for responding to the request by transmitting a program of
4 computer readable instructions to the client, the program for enabling the client
5 to:

6 i) use a specific printer to print a document, the printer having a user
7 input key; and

8 ii) automatically display an image of the key while the printer is
9 printing the document; and

10 iii) in response to receiving a user selection of the key image while the
11 printer is printing the document, cause the printer to perform a particular
12 function.

1 9. The server of claim 8, wherein the server is embedded in the
2 printer.

1 10. The server of claim 8, wherein the printer is configured to respond
2 to a selection of the input key while the printer is printing the document by
3 canceling the printing of the document; and wherein the function includes
4 canceling the printing of the document.

1 11. The server of claim 8, wherein the function includes causing the
2 printer to print the document on media having a particular dimension.

12. The server of claim 8, wherein the printer includes a local display device for providing information to a walk-up user and the program is further for enabling the client to:

iv) display an image of the local display device while the printer is printing the document.

13. The server of claim 8, wherein the client is a personal computer connected to the server over a network.

14. The server of claim 8, wherein the program is Web content.

15. A computer readable medium embodying a program of instructions for causing a computer remotely connected to a printer to perform method steps, the printer having at least one user input key, the method steps comprising:

- (a) transmitting a print job to the printer;
- (b) automatically displaying on the computer an image resembling the user input key only while the printer is processing the print job; and
- (c) in response to a selection of the image, causing the printer to initiate a function.

16. The computer readable medium of claim 15, wherein the function includes canceling the print job.

17. The computer readable medium of claim 16, wherein the printer is configured to respond to a selection of the user input key while the printer is processing the print job by canceling the print job.

18. The computer readable medium of claim 15, wherein the printer includes a local display for providing information to a walk up user and the method steps further comprising:

- (d) automatically displaying on the computer a virtual display while the printer is processing the print job; and wherein the virtual display resembles the

6 local display and indicates the same information presently being indicated by the
7 local display.

1 19. The computer readable medium of claim 15, wherein the printer
2 includes at least one indicator light for indicating information to a walk-up user
3 and the method steps further comprising:

4 (d) automatically displaying on the computer an image that resembles
5 the present state of the indicator light while the printer is processing the print
6 job.

1 20. A printing system comprising:

2 (a) a printer having at least one user input key; and

3 (b) a computer connected to the printer over a network, the computer
4 including:

5 (b.1) apparatus for transmitting a print job to a printer;

6 (b.2) apparatus for automatically displaying on the computer an
7 image of the input key while the printer is processing the print job; and

8 (b.3) apparatus for responding to a selection of the image by
9 causing the printer to perform a pre-determined function.

1 21. The system of claim 20, wherein the printer is configured to
2 respond to a selection of the user input key by canceling the print job that is
3 presently being processed; and wherein the predetermined function includes
4 canceling the processing of the print job.

1 22. The system of claim 20, wherein the printer is configured to
2 respond to a selection of the user input key performing the pre-determined
3 function.